mass of total two grams is attained in tow minutes of synthesizing time, in a large-scale synthesis technique of single walled carbon nanotubes.

Page 7, lines 15-22, delete current paragraph and insert therefor:

Preferably, the vacuum chamber 10 is made of a metal such as a stainless. In the vacuum chamber 10 are installed a rotary pump 14 that reduces the pressure inside the system and a pressure gauge (not illustrated) for measuring the pressure inside the system. The electrodes 11a and 11b installed inside the vacuum chamber 10 are connected to a power supply 18 to apply a DC or AC voltage. The electrodes 11a and 11b are disposed to face each other on the right and left in the drawing. The layout of the electrodes is not limited to this as long as stable creation of the discharge plasma is ensured.

Page 14, line 26 to page 15, line 4, delete current paragraph and insert therefor:

The result collected the carbon material deposited on the inner face of the vacuum chamber 10 in the production under the above condition, and extracted the fullerenes from the collected carbon material by using benzene. The experiment was carried out to vary the pressure inside the vacuum chamber 10 within 1.3 kPa to 93.1 kPa, and confirmed to produce the nanotubes and fullerenes under any pressure of the range.

IN THE CLAIMS:

Please replace claims 1-7 as follows:

1. (Amended) A method of manufacturing single-walled carbon nanotubes comprising the steps of:

reducing the pressure inside a system to 1.3 Pa or lower;

supplying a carboniferous liquid state material comprising a metallic catalyst to raise the pressure inside the system to at least 1.3 kPa;

generating arc discharges;